

TITLE OF THE INVENTION

SEMICONDUCTOR MEMORY DEVICE FOR STORING MULTIVALUED
DATA

CROSS-REFERENCE TO RELATED APPLICATIONS

5 This is a Continuation-in-Part application of
No. 10/689,868 filed October 20, 2003, which is a
Continuation-in-Part application of U.S. Patent
Application No. 10/358,643 filed February 4, 2003
(which was issued as U.S. Patent No. 6,657,891 B1 on
10 December 2, 2003), the entire contents of which are
incorporated herein by reference.

This application is based upon and claims the
benefit of priority from the prior Japanese Patent
Applications No. 2002-347797, filed November 29, 2002;
15 No. 2003-402161, filed December 1, 2003, the entire
contents of both of which are incorporated herein by
reference.

BACKGROUND OF THE INVENTION

1. Field of the Invention

20 This invention relates to a nonvolatile
semiconductor memory device capable of storing,
for example, 2 bits or more of data.

2. Description of the Related Art

25 A nonvolatile semiconductor memory device capable
of storing multivalued data, such as a NAND flash
memory using EEPROM, has been proposed (U.S. Patent
No. 6,178,115).

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